

Appl. No. 10/529,780
Reply to Office Action mailed November 29, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (currently amended) A polyol mixture ~~containing~~
comprising

(1) ~~10 to 97~~ 30 to 90 % by weight of a crystalline polyester polyol produced ~~[[by an]]~~ from at least one aliphatic dicarboxylic acid and ~~[[an]]~~ a first aliphatic diol as main components,

(2) ~~0 to 45~~ 5 to 30 % by weight of a polyester polyol produced ~~[[by an]]~~ from at least one aromatic polycarboxylic acid and ~~[[an]]~~ a second aliphatic polyol as main components, and

(3) ~~3 to 45~~ 5 to 40 % by weight of a polycarbonate polyol.

Claim 2. (currently amended) The polyol mixture according to Claim 1, wherein ~~[[1]]~~ the crystalline polyester polyol (1) produced by the aliphatic dicarboxylic acid and the first

Appl. No. 10/529,780
Reply to Office Action mailed November 29, 2006

aliphatic diol as main components has a crystallinity of 30% or more, when the polyester polyol is cooled and solidified from a melting state ~~[[with]]~~ at a cooling rate of 10°C/min and the crystallinity of which ~~[[was]]~~ is measured by an X-ray diffraction method according to ~~Ruland~~ Ruland's method.

Claim 3. (currently amended) The polyol mixture according to Claim 1, wherein

~~[[1]]~~ the crystalline polyester polyol (1) is a diol comprising the at least one aliphatic dicarboxylic acid which is a dicarboxylic acid having 6 to 12 carbon atoms, and the first aliphatic diol is a diol having 2 to 12 carbon atoms~~[[,]]~~ ;

~~[[2]]~~ the polyester polyol (2) is a polyol comprising the at least one aromatic polycarboxylic acid which is ~~at least one~~ compound selected from the group consisting of phthalic acid, terephthalic acid and isophthalic acid, and the second aliphatic polyol is a polyol having 2 to 12 carbon atoms.

Claim 4. (currently amended) The polyol mixture according to Claim 3, wherein ~~[[1]]~~ the at least one aliphatic dicarboxylic

Appl. No. 10/529,780
Reply to Office Action mailed November 29, 2006

acid of (1) is ~~at least one~~ selected from the group consisting of dodecanedioic acid and ~~[[the]]~~ adipic acid~~[[,]]~~; and wherein the first aliphatic diol is 1,6-hexanediol.

Claim 5. (currently amended) The polyol mixture according to Claim 4, wherein ~~[[the]]~~ at least one aromatic polycarboxylic acid of (2) is phthalic acid ~~and adipic acid~~~~[[,]]~~; and the second aliphatic polyol is a polyester polyol ~~[[of]]~~ comprising ethylene glycol and neopentyl glycol.

Claim 6. (currently amended) The polyol mixture according to Claim 5, wherein ~~[[the]]~~ the polycarbonate polyol (3) is a compound containing 1,6-hexanediol.

Claim 7. (canceled).

Claim 8. (currently amended) A reactive hot melt composition obtained by reacting ~~[[to]]~~ the polyol mixture according to Claim 1 and ~~[[the]]~~ a polyisocyanate according ~~[[to]]~~ claim ~~[[1]]~~.

Appl. No. 10/529,780

Reply to Office Action mailed November 29, 2006

Claim 9. (currently amended) A molded product ~~using~~ prepared from the reactive hot melt composition according to Claim 8.

Claim 10. (currently amended) A molded product which is obtained by injecting the reactive hot melt composition according to Claim 8 into a closed mold, cooling the ~~same~~ reactive hot melt composition, ~~taken out removing the composition~~ from the mold, and then, ~~cured~~ curing the composition by moisture in the air.

Claim 11. (currently amended) A molded product according to Claim 10, wherein the molded product ~~can be~~ is obtained by providing an inserting material in the closed mold and integrally ~~molded~~ molding the reactive hot melt composition with the inserting material.

Claim 12. (previously presented) A molded product according to Claim 9, wherein the product is a product in the fields of an

Appl. No. 10/529,780
Reply to Office Action mailed November 29, 2006

electric and electronic parts producing industry, and a semiconductor parts producing industry.

Claim 13. (original) A molded product according to Claim 11, wherein the inserting material is an electric or electronic constitutional part or a semiconductor constitutional part.

Claim 14. (previously presented) A molded product according to Claim 13, wherein the electric or electronic constitutional part or the semiconductor constitutional part is a sensor, a circuit board, an element, a switch, a wiring, a connector, a display device or a battery.

Claim 15. (new) The polyol mixture according to Claim 5, wherein the crystalline polyester polyol of (1) and the polyester polyol of (2) each have a number average molecular weight of 500 to 20000.

Claim 16. (new) The polyol mixture according to Claim 15, wherein the number average molecular weight is 1000 to 15000.

Appl. No. 10/529,780
Reply to Office Action mailed November 29, 2006

Claim 17. (new) The polyol mixture according to Claim 15,
wherein the number average molecular weight is 1500 to 10000.

Claim 18. (new) The polyol mixture according to Claim 15,
wherein the polycarbonate polyol has a number average molecular
weight of 300 to 20000.

Claim 19. (new) The polyol mixture according to Claim 16,
wherein the polycarbonate polyol has a number average molecular
weight of 400 to 10000.

Claim 20. (new) The polyol mixture according to Claim 17,
wherein the polycarbonate polyol has a number average molecular
weight of 500 to 5000.

Claim 21. (new) The polyol mixture according to Claim 1, further
comprising a polylactone polyol or a polyether polyol.